BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications							
Measurements taken on									
		New Drain							
		Ramchandrapura main road							
0	15		Cum	1	15.00	1.40	1.20	25.20	
15	30		Cum	1	15.00	1.40	1.20	25.20	
30	34.7		Cum	1	4.70	1.40	1.20	7.90	
34.7	42.9		Cum	1	8.20	1.40	1.20	13.78	
		Drain Desilt							
		Krishanath villah							
		1st cross road							
		Lhs							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	60		Cum	1	15.00	0.60	0.60	5.40	
60	75		Cum	1	15.00	0.60	0.60	5.40	
75	90		Cum	1	15.00	0.60	0.60	5.40	
90	105		Cum	1	15.00	0.60	0.60	5.40	
105	120		Cum	1	15.00	0.60	0.60	5.40	
120	133		Cum	1	13.00	0.60	0.60	4.68	
		4th Cross Road Venkatagiryapp layout							
		Lhs							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	60		Cum	1	15.00	0.60	0.60	5.40	
60	75		Cum	1	15.00	0.60	0.60	5.40	
75	90		Cum	1	15.00	0.60	0.60	5.40	
90	105		Cum	1	15.00	0.60	0.60	5.40	
105	120		Cum	1	15.00	0.60	0.60	5.40	
120	133		Cum	1	13.00	0.60	0.60	4.68	
133	142.7		Cum	1	9.70	0.60	0.60	3.49	
		Rhs							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	60		Cum	1	15.00	0.60	0.60	5.40	
60	75		Cum	1	15.00	0.60	0.60	5.40	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Contractor

SUDHEERPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
75	90		Cum	1	15.00	0.60	0.60	5.40	
90	105		Cum	1	15.00	0.60	0.60	5.40	
105	120		Cum	1	15.00	0.60	0.60	5.40	
120	133		Cum	1	13.00	0.60	0.60	4.68	
133	142.7		Cum	1	9.70	0.60	0.60	3.49	
		4th Cross Road (Raghavendra Temple							
		Lhs							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	52		Cum	1	7.00	0.60	0.60	2.52	
		Rhs							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	52		Cum	1	7.00	0.60	0.60	2.52	
		Near Raghavendra Temple							
		Lhs							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	56		Cum	1	11.00	0.60	0.60	3.96	
		Rhs							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	56		Cum	1	11.00	0.60	0.60	3.96	
		Muneshwara Layout							
		Hello KidsTo%th Cross Road							
		Lhs							
0	15		Cum	1	15.00	0.45	0.50	3.38	
15	30		Cum	1	15.00	0.45	0.50	3.38	
30	45		Cum	1	15.00	0.45	0.50	3.38	
		rhs							
0	15		Cum	1	15.00	0.45	0.50	3.38	
15	30		Cum	1	15.00	0.45	0.50	3.38	
30	45		Cum	1	15.00	0.45	0.50	3.38	
45	60		Cum	1	15.00	0.45	0.50	3.38	
60	76.4		Cum	1	16.40	0.45	0.50	3.69	
		Cross Road-1							
0	15		Cum	1	15.00	0.30	0.45	2.03	
15	30		Cum	1	15.00	0.30	0.45	2.03	

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore - 97

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
30	45.4		Cum	1	15.40	0.30	0.45	2.08	
		Cross Road-2							
0	15		Cum	1	15.00	0.30	0.45	2.03	
15	30		Cum	1	15.00	0.30	0.45	2.03	
30	46		Cum	1	16.00	0.30	0.45	2.16	
		4th Cross Road							
		Lhs							
0	15		Cum	1	15.00	0.30	0.45	2.03	
15	30		Cum	1	15.00	0.30	0.45	2.03	
30	45		Cum	1	15.00	0.30	0.45	2.03	
45	60		Cum	1	15.00	0.30	0.45	2.03	
60	68		Cum	1	8.00	0.30	0.45	1.08	
		Rhs							
0	15		Cum	1	15.00	0.30	0.45	2.03	
15	30		Cum	1	15.00	0.30	0.45	2.03	
30	45		Cum	1	15.00	0.30	0.45	2.03	
45	60		Cum	1	15.00	0.30	0.45	2.03	
60	68		Cum	1	8.00	0.30	0.45	1.08	
		3rd Cross Road							
		Lhs							
0	15		Cum	1	15.00	0.30	0.45	2.03	
15	30		Cum	1	15.00	0.30	0.45	2.03	
30	45		Cum	1	15.00	0.30	0.45	2.03	
45	60		Cum	1	15.00	0.30	0.45	2.03	
60	65		Cum	1	5.00	0.30	0.45	0.68	
		Rhs							
0	15		Cum	1	15.00	0.30	0.45	2.03	
15	30		Cum	1	15.00	0.30	0.45	2.03	
30	45		Cum	1	15.00	0.30	0.45	2.03	
45	60		Cum	1	15.00	0.30	0.45	2.03	
60	65		Cum	1	5.00	0.30	0.45	0.68	
		5th Cross Road							
		Lhs							
0	15		Cum	1	15.00	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	3.04	
60	68		Cum	1	8.00	0.45	0.45	1.62	
		Rhs							
0	15		Cum	1	15.00	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	3.04	

Assistant Executive Engineer
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Contractor

PRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer
Rajarajeshwari Sub Division
BBMP, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
60	68		Cum	1	8.00	0.45	0.45	1.62	
		2nd Cross Road							
		Lhs							
0	15		Cum	1	15.00	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	3.04	
45	55		Cum	1	10.00	0.45	0.45	2.03	
		Rhs							
0	15		Cum	1	15.00	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	3.04	
60	68		Cum	1	8.00	0.45	0.45	1.62	
		Kempanna Layout							
0	15		Cum	1	15.00	0.60	0.60	5.40	
15	30		Cum	1	15.00	0.60	0.60	5.40	
30	45		Cum	1	15.00	0.60	0.60	5.40	
45	60		Cum	1	15.00	0.60	0.60	5.40	
60	75		Cum	1	15.00	0.60	0.60	5.40	
75	93.5		Cum	1	18.50	0.60	0.60	6.66	
		For Flagging Course							
		Kempanna Layout							
0	15		Cum	1	15.00	0.30	0.60	2.70	
15	30		Cum	1	15.00	0.30	0.60	2.70	
30	45		Cum	1	15.00	0.30	0.60	2.70	
45	60		Cum	1	15.00	0.30	0.60	2.70	
60	75		Cum	1	15.00	0.30	0.60	2.70	
75	93.5		Cum	1	18.50	0.30	0.60	3.33	
		Over Burden							
			Cum	1	84.15	1.30	0.20	21.88	
							Total	**500.84**	

Assistant Executive Engineer
Vijayanagar Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore.

PRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 02		Removing and refixing stone slabs of drains and pointing in CM (1:3)							
Measurements taken on		10/03/2020							
		Kempanna Layout							
3	13.2		Sqm	1	10.20	1.80		18.36	
17	28.5		Sqm	1	11.50	1.80		20.70	
33	43		Sqm	1	10.00	1.80		18.00	
48	57		Sqm	1	9.00	1.80		16.20	
64	72		Sqm	1	8.00	1.80		14.40	
78	90		Sqm	1	12.00	1.80		21.60	
						Sub Total		109.26	
		Cover Slab							
		4th Cross Road (Raghavendra Temple Back side)							
		Lhs							
4	12		Sqm	1	8.00	0.90		7.20	
18	25		Sqm	1	7.00	0.90		6.30	
34	42		Sqm	1	8.00	0.90		7.20	
49	52		Sqm	1	3.00	0.90		2.70	
		Rhs							
2	9		Sqm	1	7.00	0.90		6.30	
19	27		Sqm	1	8.00	0.90		7.20	
36	43		Sqm	1	7.00	0.90		6.30	
45	49		Sqm	1	4.00	0.90		3.60	
						Sub Total		46.80	
							Total	**156.06**	

Assistant Executive Engineer
Vijayanagara Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 03		Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete.,							
Measurements taken on		10/03/2020							
		Kempanna Layout							
0	3		Sqm	1	3.00	1.80		5.40	
13.3	17		Sqm	1	3.70	1.80		6.66	
28.5	33		Sqm	1	4.50	1.80		8.10	
43	48		Sqm	1	5.00	1.80		9.00	
57	64		Sqm	1	7.00	1.80		12.60	
72	78		Sqm	1	6.00	1.80		10.80	
90	93.5		Sqm	1	3.50	1.80		6.30	
							Total	**58.86**	

Assistant Executive Engineer
Vidyaranyapura Sub Divisi
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 05		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.							
Measurements taken on		8/01/2020							
		For Flagging Course							
		Kempanna Layout							
0	15		Cum	1	15.00	0.30	0.15	0.68	
15	30		Cum	1	15.00	0.30	0.15	0.68	
30	45		Cum	1	15.00	0.30	0.15	0.68	
45	60		Cum	1	15.00	0.30	0.15	0.68	
60	75		Cum	1	15.00	0.30	0.15	0.68	
75	93.5		Cum	1	18.50	0.30	0.15	0.83	
		For Road							
		1st Main 1st Cross Right Side							
0	15		Cum	1	15.00	2.15	0.15	4.84	
15	30		Cum	1	15.00	2.15	0.15	4.84	
30	40		Cum	1	10.00	2.70	0.15	4.05	
40	62		Cum	1	22.00	3.40	0.15	11.22	
		1st Main 1st Cross Left Side							
0	15		Cum	1	15.00	3.25	0.15	7.31	
15	27.1		Cum	1	12.10	3.85	0.15	6.99	
		Muneshwara Layout							
		Hello KidsTo%th Cross Road							
0	15		Cum	1	15.00	5.15	0.15	11.59	
15	30		Cum	1	15.00	5.25	0.15	11.81	
30	45		Cum	1	15.00	5.20	0.15	11.70	
45	60		Cum	1	15.00	5.25	0.15	11.81	
60	75		Cum	1	15.00	5.30	0.15	11.93	
75	87.4		Cum	1	12.40	5.75	0.15	10.70	
		Cross Road-1							
0	15		Cum	1	15.00	5.05	0.15	11.36	
15	30		Cum	1	15.00	5.10	0.15	11.48	
30	45		Cum	1	15.00	5.10	0.15	11.48	
		Cross Road-2							
0	15		Cum	1	15.00	5.05	0.15	11.36	
15	30		Cum	1	15.00	4.80	0.15	10.80	
30	45		Cum	1	15.00	4.60	0.15	10.35	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		4th Cross Road							
0	15		Cum	1	15.00	4.00	0.15	9.00	
15	30		Cum	1	15.00	3.50	0.15	7.88	
30	45		Cum	1	15.00	3.80	0.15	8.55	
45	60		Cum	1	15.00	4.25	0.15	9.56	
60	67.9		Cum	1	7.90	4.25	0.15	5.04	
		3rd Cross Road							
0	15		Cum	1	15.00	4.50	0.15	10.13	
15	30		Cum	1	15.00	4.55	0.15	10.24	
30	45		Cum	1	15.00	4.30	0.15	9.68	
45	64.9		Cum	1	19.90	4.20	0.15	12.54	
		C Ramayya Layout							
		3D Cross Road							
0	15		Cum	1	15.00	6.20	0.15	13.95	
15	29.2		Cum	1	14.20	5.80	0.15	12.35	
		3C Cross road							
0	15		Cum	1	15.00	6.15	0.15	13.84	
15	29.5		Cum	1	14.50	6.00	0.15	13.05	
		3B Cross road							
0	15		Cum	1	15.00	5.90	0.15	13.28	
15	30		Cum	1	15.00	5.45	0.15	12.26	
		3A Cross road							
0	15		Cum	1	15.00	5.85	0.15	13.16	
15	30.5		Cum	1	15.50	5.70	0.15	13.25	
		2A Cross road							
0	15		Cum	1	15.00	5.90	0.15	13.28	
15	32.2		Cum	1	17.20	5.80	0.15	14.96	
		Ashraya Charitable Trust							
0	20		Cum	1	20.00	6.70	0.15	20.10	
							Total	**415.89**	

Assistant Executive Engineer, Rajarajeshwarinagara Sub Division, BBMP, Bangalore - 97

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 06		Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.							
Measurements taken on		10/03/2020							
		For Flagging Course							
		Kempanna Layout							
0	15		Sqm	2	15.00		0.60	18.00	
15	30		Sqm	2	15.00		0.60	18.00	
30	45		Sqm	2	15.00		0.60	18.00	
45	60		Sqm	2	15.00		0.60	18.00	
60	75		Sqm	2	15.00		0.60	18.00	
75	93.5		Sqm	2	18.50		0.60	22.20	
							Total	**112.20**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 07		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.							
Measurements taken on		10/03/2020							
		For Flagging Course							
		Kempanna Layout							
0	15		Cum	2	15.00	0.20	0.10	0.60	
15	30		Cum	2	15.00	0.20	0.10	0.60	
30	45		Cum	2	15.00	0.20	0.10	0.60	
45	60		Cum	2	15.00	0.20	0.10	0.60	
60	75		Cum	2	15.00	0.20	0.10	0.60	
75	93.5		Cum	2	18.50	0.20	0.10	0.74	
		Coping							
		Krishanath villah							
		1st cross road							
0	15		Cum	2	15.00	0.15	0.15	0.68	
15	30		Cum	2	15.00	0.15	0.15	0.68	
30	45		Cum	2	15.00	0.15	0.15	0.68	
45	60		Cum	2	15.00	0.15	0.15	0.68	
60	75		Cum	2	15.00	0.15	0.15	0.68	
75	90		Cum	2	15.00	0.15	0.15	0.68	
90	105		Cum	2	15.00	0.15	0.15	0.68	
105	120		Cum	2	15.00	0.15	0.15	0.68	
120	133		Cum	2	13.00	0.15	0.15	0.59	
							Total	9.73	

Assistant Executive Engineer, Rajarajeshwari Sub Division, BBMP, Bangalore - 098

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Contractor

PRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 08		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.							
Measurements taken on		8/02/2020							
		New Drain							
		Ramchandrapura main road							
0	15		Cum	1	15.00	1.40	0.15	3.15	
15	30		Cum	1	15.00	1.40	0.15	3.15	
30	34.7		Cum	1	4.70	1.40	0.15	0.99	
34.7	42.9		Cum	1	8.20	1.40	0.15	1.72	
							Total	**9.01**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore.

SUDHARAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 10		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.							
Measurements taken on		12/02/2020							
		From Calculation Sheet						2.23	
							Total	**2.23**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item no.10	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.								
Measurements Taken On;		12/02/2020							
	For RCC Drain								
	Ramchandrapura main road								
	Main Bars (#16@140 c/c)	1	16	307	307	3.46	1063.70	1.578336149	1678.88
	Distribution(21-#10)	1	10	21	21	42.90	900.90	0.616537558	555.44
								TOTAL QTY IN KG'S	2234.32
								TOTAL QTY IN TONNE	**2.23**

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Contractor

SIDDAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 15		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications							
Measurements taken on									
		Asphalt Raod							
		Krishanath villah							
		1st cross road							
0	10		Cum	1	10.00	2.80	0.23	6.44	
16	24		Cum	1	8.00	2.00	0.23	3.68	
31	41		Cum	1	10.00	2.50	0.23	5.75	
48	63		Cum	1	15.00	2.80	0.23	9.66	
69	87		Cum	1	18.00	2.50	0.23	10.35	
95	113		Cum	1	18.00	2.00	0.23	8.28	
		4th Cross Road Venkatagiryapp layout							
5	20		Cum	1	15.00	2.80	0.23	9.66	
25	43		Cum	1	18.00	2.50	0.23	10.35	
57	68		Cum	1	11.00	2.50	0.23	6.33	
		4th Cross Road (Raghavendra Temple Back side)							
5	20		Cum	1	15.00	3.00	0.23	10.35	
32	37		Cum	1	5.00	3.00	0.23	3.45	
		For CC Road							
		1st Main 1st Cross Right Side							
0	15		Cum	1	15.00	2.15	0.15	4.84	
15	30		Cum	1	15.00	2.15	0.15	4.84	
30	40		Cum	1	10.00	2.70	0.15	4.05	
40	62		Cum	1	22.00	3.40	0.15	11.22	
		1st Main 1st Cross Left							
0	15		Cum	1	15.00	3.25	0.15	7.31	
15	27.1		Cum	1	12.10	3.85	0.15	6.99	
		Muneshwara Layout							
		Hello KidsTo%th Cross Road							
0	15		Cum	1	15.00	5.15	0.15	11.59	
15	30		Cum	1	15.00	5.25	0.15	11.81	
30	45		Cum	1	15.00	5.20	0.15	11.70	

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
45	60		Cum	1	15.00	5.25	0.15	11.81	
60	75		Cum	1	15.00	5.30	0.15	11.93	
75	87.4		Cum	1	12.40	5.75	0.15	10.70	
		Cross Road-1							
0	15		Cum	1	15.00	5.05	0.15	11.36	
15	30		Cum	1	15.00	5.10	0.15	11.48	
30	45		Cum	1	15.00	5.10	0.15	11.48	
		Cross Road-2							
0	15		Cum	1	15.00	5.05	0.15	11.36	
15	30		Cum	1	15.00	4.80	0.15	10.80	
30	45		Cum	1	15.00	4.60	0.15	10.35	
		4th Cross Road							
0	15		Cum	1	15.00	4.00	0.15	9.00	
15	30		Cum	1	15.00	3.50	0.15	7.88	
30	45		Cum	1	15.00	3.80	0.15	8.55	
45	60		Cum	1	15.00	4.25	0.15	9.56	
60	67.9		Cum	1	7.90	4.25	0.15	5.04	
		3rd Cross Road							
0	15		Cum	1	15.00	4.50	0.15	10.13	
15	30		Cum	1	15.00	4.55	0.15	10.24	
30	45		Cum	1	15.00	4.30	0.15	9.68	
45	64.9		Cum	1	19.90	4.20	0.15	12.54	
		C Ramayya Layout							
		3D Cross Road							
0	15		Cum	1	15.00	6.20	0.15	13.95	
15	29.2		Cum	1	14.20	5.80	0.15	12.35	
		3C Cross road							
0	15		Cum	1	15.00	6.15	0.15	13.84	
15	29.5		Cum	1	14.50	6.00	0.15	13.05	
		3B Cross road							
0	15		Cum	1	15.00	5.90	0.15	13.28	
15	30		Cum	1	15.00	5.45	0.15	12.26	
		3A Cross road							
0	15		Cum	1	15.00	5.85	0.15	13.16	
15	30.5		Cum	1	15.50	5.70	0.15	13.25	
		2A Cross road							
0	15		Cum	1	15.00	5.90	0.15	13.28	
15	32.2		Cum	1	17.20	5.80	0.15	14.96	
		Ashraya Charitable Trust							
0	20		Cum	1	20.00	6.70	0.15	20.10	
							Total	**495.98**	

Assistant Executive Engineer
Basavanapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

SUDHARSAN CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 16		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications							
Measurements taken on		10/02/2020							
		Krishanath villah							
		1st cross road							
0	10		Cum	1	10.00	2.80	0.23	6.44	
16	24		Cum	1	8.00	2.00	0.23	3.68	
31	41		Cum	1	10.00	2.50	0.23	5.75	
48	63		Cum	1	15.00	2.80	0.23	9.66	
69	87		Cum	1	18.00	2.50	0.23	10.35	
95	113		Cum	1	18.00	2.00	0.23	8.28	
		4th Cross Road Venkatagiryapp layout							
5	20		Cum	1	15.00	2.80	0.23	9.66	
25	43		Cum	1	18.00	2.50	0.23	10.35	
57	68		Cum	1	11.00	2.50	0.23	6.33	
		4th Cross Road (Raghavendra Temple Back side)							
5	20		Cum	1	15.00	3.00	0.23	10.35	
32	37		Cum	1	5.00	3.00	0.23	3.45	
							Total	**84.30**	

Assistant Executive Engineer
R.R. Nagar, Sub-Division
KRIDL, BBMP, Bangalore

Assistant Executive Engineer
Rajarajeshwarinagar Sub Division
BBMP, Bangalore - 98

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 17		Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications.							
Measurements taken on		11/02/2020							
		Krishanath villah							
		1st cross road							
0	10		Sqm	1	10.00	2.80		28.00	
16	24		Sqm	1	8.00	2.00		16.00	
31	41		Sqm	1	10.00	2.50		25.00	
48	63		Sqm	1	15.00	2.80		42.00	
69	87		Sqm	1	18.00	2.50		45.00	
95	113		Sqm	1	18.00	2.00		36.00	
		4th Cross Road Venkatagiryapp layout							
5	20		Sqm	1	15.00	2.80		42.00	
25	43		Sqm	1	18.00	2.50		45.00	
57	68		Sqm	1	11.00	2.50		27.50	
		4th Cross Road (Raghavendra Temple Back side)							
5	20		Sqm	1	15.00	3.00		45.00	
32	37		Sqm	1	5.00	3.00		15.00	
							Total	**366.50**	

Assistant Executive Engineer
Jnanabharathi Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 18		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications							
Measurements taken on		11/02/2020							
		Krishanath villah							
		1st cross road							
0	10		Sqm	1	10.00	2.80		28.00	
16	24		Sqm	1	8.00	2.00		16.00	
31	41		Sqm	1	10.00	2.50		25.00	
48	63		Sqm	1	15.00	2.80		42.00	
69	87		Sqm	1	18.00	2.50		45.00	
95	113		Sqm	1	18.00	2.00		36.00	
		4th Cross Road Venkatagiryapp layout							
5	20		Sqm	1	15.00	2.80		42.00	
25	43		Sqm	1	18.00	2.50		45.00	
57	68		Sqm	1	11.00	2.50		27.50	
		(Raghavendra Temple Back side) Venkatagiryapp layout							
5	20		Sqm	1	15.00	3.00		45.00	
32	37		Sqm	1	5.00	3.00		15.00	
						Sub Total		366.50	
		Krishanath villah							
		1st cross road							
0	15		Sqm	1	15.00	5.80		87.00	
15	30		Sqm	1	15.00	5.40		81.00	
30	45		Sqm	1	15.00	5.15		77.25	
45	60		Sqm	1	15.00	4.85		72.75	
60	75		Sqm	1	15.00	5.05		75.75	
75	90		Sqm	1	15.00	5.20		78.00	
90	105		Sqm	1	15.00	5.30		79.50	
105	120		Sqm	1	15.00	5.20		78.00	
120	133		Sqm	1	13.00	5.05		65.65	
		Main Road							
0	15		Sqm	1	15.00	4.65		69.75	
15	24.9		Sqm	1	9.90	5.05		50.00	

Assistant Executive Engineer
R.R. Nagar, Sub-Division
KRIDL, BBMP, Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		4th Cross Road Venkatagiryapp layout							
0	15		Sqm	1	15.00	4.20		63.00	
15	30		Sqm	1	15.00	4.25		63.75	
30	45		Sqm	1	15.00	4.25		63.75	
45	60		Sqm	1	15.00	4.15		62.25	
60	75		Sqm	1	15.00	4.15		62.25	
75	90		Sqm	1	15.00	4.25		63.75	
90	105		Sqm	1	15.00	4.25		63.75	
105	120		Sqm	1	15.00	4.30		64.50	
120	133		Sqm	1	13.00	4.30		55.90	
133	142.7		Sqm	1	9.70	4.60		44.62	
		4th Cross Road (Raghavendra Temple Back side)							
0	15		Sqm	1	15.00	5.10		76.50	
15	30		Sqm	1	15.00	5.20		78.00	
30	45		Sqm	1	15.00	5.20		78.00	
45	52		Sqm	1	7.00	5.15		36.05	
					Sub Total			1690.72	
		Deduct Road Cut portion For profile Correction		1690.72-366.5=1324.22				1324.22	
		For 25% Profile Correction						331.05	
							Total	**697.55**	

Assistant Executive Engineer, Jayanagara Sub Division, KRIDL, BBMP, Bangalore - 97

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

SUDARSHAN PRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 19		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications							
Measurements taken on		10/03/2020							
		Krishanath villah							
		1st cross road							
0	10		Cum	1	10.00	2.80	0.05	1.40	
16	24		Cum	1	8.00	2.00	0.05	0.80	
31	41		Cum	1	10.00	2.50	0.05	1.25	
48	63		Cum	1	15.00	2.80	0.05	2.10	
69	87		Cum	1	18.00	2.50	0.05	2.25	
95	113		Cum	1	18.00	2.00	0.05	1.80	
		4th Cross Road Venkatagiryapp layout							
5	20		Cum	1	15.00	2.80	0.05	2.10	
25	43		Cum	1	18.00	2.50	0.05	2.25	
57	68		Cum	1	11.00	2.50	0.05	1.38	
		4th Cross Road (Raghavendra Temple Back side) Venkatagiryapp layout							
5	20		Cum	1	15.00	3.00	0.05	2.25	
32	37		Cum	1	5.00	3.00	0.05	0.75	
						Sub Total		18.33	
		Krishanath villah							
		1st cross road							
0	15		Cum	1	15.00	5.80	0.05	4.35	
15	30		Cum	1	15.00	5.40	0.05	4.05	
30	45		Cum	1	15.00	5.15	0.05	3.86	
45	60		Cum	1	15.00	4.85	0.05	3.64	
60	75		Cum	1	15.00	5.05	0.05	3.79	
75	90		Cum	1	15.00	5.20	0.05	3.90	
90	105		Cum	1	15.00	5.30	0.05	3.98	
105	120		Cum	1	15.00	5.20	0.05	3.90	
120	133		Cum	1	13.00	5.05	0.05	3.28	
		Main Road							
0	15		Cum	1	15.00	4.65	0.05	3.49	
15	24.9		Cum	1	9.90	5.05	0.05	2.50	

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		4th Cross Road Venkatagiryapp layout							
0	15		Cum	1	15.00	4.20	0.05	3.15	
15	30		Cum	1	15.00	4.25	0.05	3.19	
30	45		Cum	1	15.00	4.25	0.05	3.19	
45	60		Cum	1	15.00	4.15	0.05	3.11	
60	75		Cum	1	15.00	4.15	0.05	3.11	
75	90		Cum	1	15.00	4.25	0.05	3.19	
90	105		Cum	1	15.00	4.25	0.05	3.19	
105	120		Cum	1	15.00	4.30	0.05	3.23	
120	133		Cum	1	13.00	4.30	0.05	2.80	
133	142.7		Cum	1	9.70	4.60	0.05	2.23	
		4th Cross Road (Raghavendra Temple Back side)							
0	15		Cum	1	15.00	5.10	0.05	3.83	
15	30		Cum	1	15.00	5.20	0.05	3.90	
30	45		Cum	1	15.00	5.20	0.05	3.90	
45	52		Cum	1	7.00	5.15	0.05	1.80	
					Sub Total			84.54	
		Deduct Road Cut portion For profile Correction		84.54-18.33=66.21				66.21	
		For 25% Profile Correction						16.55	
							Total	**34.88**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore.

SUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 20		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.							
Measurements taken on		11/02/2020							
		Krishanath villah							
		1st cross road							
0	15		Sqm	1	15.00	5.80		87.00	
15	30		Sqm	1	15.00	5.40		81.00	
30	45		Sqm	1	15.00	5.15		77.25	
45	60		Sqm	1	15.00	4.85		72.75	
60	75		Sqm	1	15.00	5.05		75.75	
75	90		Sqm	1	15.00	5.20		78.00	
90	105		Sqm	1	15.00	5.30		79.50	
105	120		Sqm	1	15.00	5.20		78.00	
120	133		Sqm	1	13.00	5.05		65.65	
		Main Road							
0	15		Sqm	1	15.00	4.65		69.75	
15	24.9		Sqm	1	9.90	5.05		50.00	
		4th Cross Road Venkatagiryapp layout							
0	15		Sqm	1	15.00	4.20		63.00	
15	30		Sqm	1	15.00	4.25		63.75	
30	45		Sqm	1	15.00	4.25		63.75	
45	60		Sqm	1	15.00	4.15		62.25	
60	75		Sqm	1	15.00	4.15		62.25	
75	90		Sqm	1	15.00	4.25		63.75	
90	105		Sqm	1	15.00	4.25		63.75	
105	120		Sqm	1	15.00	4.30		64.50	
120	133		Sqm	1	13.00	4.30		55.90	
133	142.7		Sqm	1	9.70	4.60		44.62	
		4th Cross Road (Raghavendra Temple							
0	15		Sqm	1	15.00	5.10		76.50	
15	30		Sqm	1	15.00	5.20		78.00	
30	45		Sqm	1	15.00	5.20		78.00	
45	52		Sqm	1	7.00	5.15		36.05	
							Total	**1690.72**	

Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore - 97

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

PRAPTHSAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 24		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.							
Measurements taken on		4/02/2020							
		1st Main 1st Cross Right Side							
0	15		Cum	1	15.00	2.15	0.20	6.45	
15	30		Cum	1	15.00	2.15	0.20	6.45	
30	40		Cum	1	10.00	2.70	0.20	5.40	
40	62		Cum	1	22.00	3.40	0.20	14.96	
		1st Main 1st Cross Left Side					0.20		
0	15		Cum	1	15.00	3.25	0.20	9.75	
15	27.1		Cum	1	12.10	3.85	0.20	9.32	
		Muneshwara Layout							
		Hello KidsTo%th Cross Road							
0	15		Cum	1	15.00	5.15	0.20	15.45	
15	30		Cum	1	15.00	5.25	0.20	15.75	
30	45		Cum	1	15.00	5.20	0.20	15.60	
45	60		Cum	1	15.00	5.25	0.20	15.75	
60	75		Cum	1	15.00	5.30	0.20	15.90	
75	87.4		Cum	1	12.40	5.75	0.20	14.26	
		Cross Road-1							
0	15		Cum	1	15.00	5.05	0.20	15.15	
15	30		Cum	1	15.00	5.10	0.20	15.30	
30	45		Cum	1	15.00	5.10	0.20	15.30	
		Cross Road-2							
0	15		Cum	1	15.00	5.05	0.20	15.15	
15	30		Cum	1	15.00	4.80	0.20	14.40	
30	45		Cum	1	15.00	4.60	0.20	13.80	
		4th Cross Road							
0	15		Cum	1	15.00	4.00	0.20	12.00	
15	30		Cum	1	15.00	3.50	0.20	10.50	
30	45		Cum	1	15.00	3.80	0.20	11.40	
45	60		Cum	1	15.00	4.25	0.20	12.75	
60	67.9		Cum	1	7.90	4.25	0.20	6.72	
		3rd Cross Road							
0	15		Cum	1	15.00	4.50	0.20	13.50	
15	30		Cum	1	15.00	4.55	0.20	13.65	

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer
Vijayanagara Sub Division
BBMP, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
30	45		Cum	1	15.00	4.30	0.20	12.90	
45	64.9		Cum	1	19.90	4.20	0.20	16.72	
		C Ramayya Layout							
		3D Cross Road							
0	15		Cum	1	15.00	6.20	0.20	18.60	
15	29.2		Cum	1	14.20	5.80	0.20	16.47	
		3C Cross road							
0	15		Cum	1	15.00	6.15	0.20	18.45	
15	29.5		Cum	1	14.50	6.00	0.20	17.40	
		3B Cross road							
0	15		Cum	1	15.00	5.90	0.20	17.70	
15	30		Cum	1	15.00	5.45	0.20	16.35	
		3A Cross road							
0	15		Cum	1	15.00	5.85	0.20	17.55	
15	30.5		Cum	1	15.50	5.70	0.20	17.67	
		2A Cross road							
0	15		Cum	1	15.00	5.90	0.20	17.70	
15	32.2		Cum	1	17.20	5.80	0.20	19.95	
		Ashraya Charitable Trust							
0	20		Cum	1	20.00	6.70	0.20	26.80	
							Total	**548.91**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

SRIRAMAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer